



-1-

SEQUENCE LISTING

<110> Zauderer, Maurice

<120> Methods of Selecting Polynucleotides Encoding Antigens

<130> 1821.0010002

<140> 10/034,350

<141> 2002-01-03

<150> US 08/935,377

<151> 1997-09-22

<160> 38

<170> PatentIn version 3.1

<210> 1

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<220>

<221> CDS

<222> (46)..(69)

<400> 1

ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgcc atg ggc ccg gcc
Met Gly Pro Ala

57

1

gcc aac ggc gga
Ala Asn Gly Gly
5

69

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 2

Met Gly Pro Ala Ala Asn Gly Gly
1 5

<210> 3

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<220>

<221> CDS

<222> (52)..(75)

<400> 3

ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcggccgc c atg ggc
Met Gly
1

57

ccg gcc gcc aac ggc gga
Pro Ala Ala Asn Gly Gly
5

75

<210> 4

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 4

Met Gly Pro Ala Ala Asn Gly Gly
1 5

<210> 5

<211> 57

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 5
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg cccggcc 57

<210> 6

<211> 145

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 6
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccgtgga tcccccgggc 60
tgcaggaatt cgatatcaag cttatcgata ccgtcgacct cgaggggggg cctaactaac 120
taattttgtt tttgtgggcc cggcc 145

<210> 7
<211> 148
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 7
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggt ggatcccccg 60
ggctgcagga attcgatatc aagcttatcg ataccgtcga cctcgagggg gggcctaact 120
aactaatttt gtttttgtgg gcccggcc 148

<210> 8
<211> 149
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 8
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgag tggatcccc 60
gggctgcagg aattcgatat caagcttatc gataccgtcg acctcgaggg ggggcctaac 120
taactaattt tgtttttgtg ggcccggcc 149

<210> 9
<211> 150
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 9
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgac gtggatcccc 60
cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg gggggcctaa 120
ctaactaatt ttgtttttgt gggcccggcc 150

<210> 10

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 10

Ser Ile Ile Asn Phe Glu Lys Leu
1 5

<210> 11

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 11
tacaacgagg

10

<210> 12

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 12
gtcagagcat

10

<210> 13

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 13
ggaccaagtc

10

<210> 14

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 14
tcagacttca

10

<210> 15

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 15
tacctatggc 10

<210> 16

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 16
tgtcacatac 10

<210> 17

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 17
tcggtcacag 10

<210> 18

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 18
atctggtaga 10

<210> 19

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 19
cttatccacg

10

<210> 20

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 20
catgtctcaa

10

<210> 21

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 21
gatcaagtct

10

<210> 22

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 22
ctgatccatg

10

<210> 23

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 23
ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg ccc

53

<210> 24

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 24
ggccggggcc atggcgggcg cgtgcaataa atagatctag tttttcaatt ttt

53

<210> 25

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 25
ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcggccgc catggggccc 59

<210> 26

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 26
ggccggggccc atggcgggcg ctttatatct caaaaaaaaa aaataaaatt tcaattttt 59

<210> 27

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 27
gggaaagggg cggccgccat gttacgtcct gtagaaacc 39

<210> 28

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 28

gggaaagggg ggccctcatt gtttgectcc ctgctg

36

<210> 29

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 29

gggaaagggg cgcccgctc attgtttgcc tccctgctg

39

<210> 30

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 30

ggccaaaaat tgaaaaacta gatctattta ttgcaccatg agtataatca actttgaaaa

60

actgtagtga

70

<210> 31

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 31
ggcctcacta cagttttttca aagttgatta atactcatgg tgcaataaat agatctagtt 60
tttcaatttt t 71

<210> 32

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 32
ggccaaaaat tgaaatttta tttttttttt ttggaatata aaccatgagt ataatcaact 60
ttgaaaaact gtagtga 77

<210> 33

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 33
ggcctcacta cagttttttca aagttgatta tactcatggg ttatattcca aaaaaaaaaa 60
ataaaatttc aattttt 77

<210> 34

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 34
gcaggtgcgg cgcgcgtgga tccccgggc tgcagg

36

<210> 35

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 35
gtaccgggcc cacaaaaaca aaattagtta gttaggcccc ccctcga

47

<210> 36

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 36
ggtcctatt gttacagatg gaagggt

27

<210> 37

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 37
ccttcgtttg ccatacgttc acag

24

<210> 38

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 38

Met Gly Pro Ala Ala Asn Gly
1 5